

Message Text

UNCLASSIFIED

PAGE 01 STATE 217181
ORIGIN NASA-02

INFO OCT-01 ARA-14 IO-14 ISO-00 OES-09 DOE-15 ACDA-12
CIAE-00 DODE-00 PM-05 INR-10 L-03 NSAE-00 NSC-05
SOE-02 SS-15 EUR-12 /119 R

DRAFTED BY NASA/LIB-15/NMACNEIL:GG
APPROVED BY OES/APT/SA:IPIKUS
NASA/LIB-15/EIFFT
NASA/ECS-4/WLEW
ARA/ECA/JBUMPUS
DOS/IO/UNP/JWARD

-----114818 252319Z /14

P R 252149Z AUG 78
FM SECSTATE WASHDC
TO AMEMBASSY BUENOS AIRES PRIORITY
INFO USMISSION USUN NEW YORK

UNCLAS STATE 217181

E.O. 11652: N/A

TAGS: TSPA, AR

SUBJECT: UN SATELLITE COMMUNICATIONS DEMONSTRATION

FOR PAO, SCICOUN

SUMMARY: NASA IS SPONSORING A SATELLITE DEMONSTRATION AND
EVALUATION BY THE UN OF THE USE OF INTERPRETATION AND
TRANSLATION SERVICES AT UN HEADQUARTERS IN SUPPORT OF THE
UNDP CONFERENCE IN BUENOS AIRES ON TECHNICAL COOPERATION
AMONG DEVELOPING COUNTRIES. JOACHIM KAISER AND LESTER
VEENSTRA OF COMSAT LABORATORIES, A NASA CONTRACTOR, PLAN TO
BE IN BUENOS AIRES AUGUST 23 THROUGH SEPTEMBER 12 TO
SUPERVISE THE ESTABLISHMENT AND OPERATION OF THE BUENOS
AIRES TERMINAL OF THE SATELLITE COMMUNICATIONS LINK. ANY
UNCLASSIFIED

UNCLASSIFIED

PAGE 02 STATE 217181

APPROPRIATE ASSISTANCE THE EMBASSY COULD PROVIDE WOULD BE
APPRECIATED. THE FOLLOWING BACKGROUND IS FYI; MORE DETAIL
ON THE SATELLITE HAS BEEN MAILED TO PAO. END SUMMARY.

1. IN RESPONSE TO A REQUEST BY THE UN OFFICE OF CONFERENCE
SERVICES NASA IS PROVIDING A SATELLITE COMMUNICATIONS LINK
BETWEEN NEW YORK AND BUENOS AIRES TO DEMONSTRATE REMOTE

INTERPRETATION AND TRANSLATION FROM UN HEADQUARTERS OF PORTIONS OF THE PLENARY SESSION OF A UNITED NATIONS CONFERENCE IN BUENOS AIRES. THE CONFERENCE, ON TECHNICAL

COOPERATION AMONG DEVELOPING COUNTRIES, IS SCHEDULED FROM AUGUST 30 TO SEPTEMBER 12, 1978. THE SATELLITE LINK-UP WILL BE EFFECTED AT VARIOUS TIMES BETWEEN AUGUST 29 AND SEPTEMBER 9. NASA IS MAKING AVAILABLE US EXPERIMENT TIME ON THE US-CANADIAN COMMUNICATIONS TECHNOLOGY SATELLITE (CTS). NASA'S LEWIS RESEARCH CENTER IS PROVIDING EQUIPMENT AND PERSONNEL TO ESTABLISH AND OPERATE AN EARTH TERMINAL AT THE UN IN NEW YORK, AND COMSAT, A NASA CTS CONTRACTOR, IS DOING THE SAME AT THE CONFERENCE SITE IN BUENOS AIRES.

2. CTS WAS DEVELOPED BY THE US AND CANADA AND LAUNCHED JANUARY 1976 INTO A GEOSTATIONARY ORBIT (ABOUT 22,300 MILES ABOVE THE EQUATOR) AT 116 DEGREES WEST LONGITUDE (OVER THE PACIFIC OCEAN). THE SATELLITE USES HIGHER TRANSMISSION POWER TO PERMIT THE USE OF SMALL, LOW-COST GROUND TERMINALS TO BRING COMMUNICATIONS SERVICES TO AREAS NOT PREVIOUSLY SERVED. IT TRANSMITS AND RECEIVES COLOR TELEVISION, VOICE, AND DATA SIMULTANEOUSLY IN BOTH DIRECTIONS BETWEEN TWO EARTH TERMINALS. CTS IS SHARED EQUALLY BY US AND CANADIAN EXPERIMENTERS. THE EXPERIMENTERS PROBE THE SOCIAL, CULTURAL, AND ECONOMIC IMPACT OF THE SATELLITE'S TECHNOLOGY, AND ATTEMPT TO SHOW NEW WAYS OF UNCLASSIFIED

UNCLASSIFIED

PAGE 03 STATE 217181

USING MODERN COMMUNICATIONS TOOLS.

3. THE NEW YORK-BUENOS AIRES SATELLITE LINK PROVIDED FOR THIS CONFERENCE INCLUDES ONE COLOR TELEVISION CHANNEL EACH WAY TOGETHER WITH A HIGH FIDELITY AUDIO CHANNEL AND EIGHT VOICE GRADE CHANNELS IN BOTH DIRECTIONS. DURING THE DEMONSTRATION THE VOICE AND A TELEVISION PICTURE OF THE SPEAKER AT THE BUENOS AIRES CONFERENCE WILL BE SENT VIA CTS TO NEW YORK. SIMULTANEOUS INTERPRETATIONS IN FIVE OFFICIAL UN LANGUAGES WILL BE RETURNED VIA CTS TO BUENOS AIRES TO THE AUDIO HEAD SETS OF THE DELEGATES ATTENDING THE CONFERENCE. COPIES OF SELECTED SPEECHES AND DOCUMENTS AT THE CONFERENCE WILL ALSO BE TRANSMITTED VIA SATELLITE TO NEW YORK, TO BE TRANSLATED OVERNIGHT, AND RETURNED TO BUENOS AIRES BY SATELLITE THE NEXT DAY. FOR THIS, HIGH SPEED RAPIDFAX FACSIMILE EQUIPMENT WILL BE USED. AT THE END OF THE DEMONSTRATION TWO-WAY TELEVISION WILL BE PROVIDED FOR DISCUSSIONS OF THE RESULTS BETWEEN PARTICIPANTS AND OBSERVERS AT BOTH ENDS.

4. THE BUENOS AIRES TERMINAL, A PORTABLE SIX-FOOT ANTENNA WITH ASSOCIATED EQUIPMENT, WILL BE INSTALLED AND OPERATED

BY JOACHIM KAISER AND LESTER VEENSTRA OF COMSAT LABORATORIES, A NASA CTS CONTRACTOR. THEY HAVE ARRANGED TO INSTALL THE ANTENNA ON THE ROOF OF A TWELVE STORY BUILDING, REPORTEDLY THE CENTER EDIFICIO, AND CONNECT IT WITH THE CONFERENCE ROOM. THEY ARE STAYING AT THE HOTEL

LIBERTADOR. (THE NEW YORK TERMINAL CONSISTS OF A NASA-OPERATED VAN, PARKED ON UN GROUNDS, CONTAINING THE REQUIRED ELECTRONICS AND A ROOF-MOUNTED EIGHT-FOOT ANTENNA.)

5. WITH THIS SATELLITE LINK-UP THE UN WILL BE DEMONSTRATING AND EVALUATING THE FEASIBILITY OF REMOTE SIMULTANEOUS INTERPRETATION OF A CONFERENCE AND THE TRANSMISSION BY FACSIMILE OF DOCUMENTS FOR REMOTE TRANSMISSION.
UNCLASSIFIED

UNCLASSIFIED

PAGE 04 STATE 217181

LATION. THE OFFICE OF CONFERENCE SERVICES INTENDS TO ASSESS THE EFFECT ON AN INTERPRETER'S TRAINING AND PERFORMANCE OF SUCH FACTORS AS A LIMITED (TELEVISION) VIEW OF THE SPEAKER, AND LIMITED VIEW AND HEARING OF THE AUDIENCE REACTION, OTHER SPEAKERS, ETC. NASA'S INTEREST IS IN MAKING KNOWN THE CAPABILITIES OF SATELLITE COMMUNICATIONS SYSTEMS TO THOSE WHO CAN BENEFIT FROM THEM, AND IN IMPROVING THOSE SYSTEMS TO MEET HUMAN NEEDS.

CHRISTOPHER

UNCLASSIFIED

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 jan 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: TELECOMMUNICATION, SATELLITES, EXHIBITS, TECHNOLOGICAL EXCHANGES
Control Number: n/a
Copy: SINGLE
Draft Date: 25 aug 1978
Decaption Date: 01 jan 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 jan 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1978STATE217181
Document Source: CORE
Document Unique ID: 00
Drafter: 15/NMACNEIL:GG
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D780349-0466
Format: TEL
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1978/newtext/t19780821/aaaaarvb.tel
Line Count: 146
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: c244755b-c288-dd11-92da-001cc4696bcc
Office: ORIGIN NASA
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 29 mar 2005
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: N/A
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 1615881
Secure: OPEN
Status: NATIVE
Subject: UN SATELLITE COMMUNICATIONS DEMONSTRATION FOR PAO, SCICOUN SUMMARY: NASA IS SPONSORING A SATELLITE DEMONSTRA
TAGS: TSPA, TECH, AR, UN
To: BUENOS AIRES
Type: TE
vdkgvkey: odbc://SAS/SAS.dbo.SAS_Docs/c244755b-c288-dd11-92da-001cc4696bcc
Review Markings:
Sheryl P. Walter
Declassified/Released
US Department of State
EO Systematic Review
20 Mar 2014
Markings: Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014